BRAINSTORMING AND IDEATION

NIRAJ

XGBoost, which stands for Extreme Gradient Boosting, is a scalable, distributed gradient-boosted decision tree (GBDT) machine learning library

A decision tree represents a tree structured classifer

that performs a split test in its internal node

It shoud satisfy all the three models of Time series mode

Random forests are a combination of tree predictors such that each tree depends on the values of a random vector sampled .

The cost is measured as the mean squared error (MSE) to determine it's effectiveness

Finding out various random ouput and choose the most commonly collected output from RFR

MANIKANDAN

Artificial intelligence to predicate crude oil price

The proposed model helps to buy crude oil price at the proper time

Use of Python fask

Support Vector Machine or SVM is one of the most popular Supervised Learning algorithms, which is used for Classification as well as Regression problems.

The objective of SVM algorithm is to find a hyperplane in an N-dimensional space that distinctly classifies the data points.

Create a application to create input from user and produce output

SAM

Autoregressive Integrated Moving Average (ARIMA) model to get a baseline to compare

The cost is measured as the mean squared error (MSE) to determine it's effectiveness

Finding out various random ouput and choose the most commonly collected output from RFR

For the activation of the hidden layer units,a ReLU function

A deeper network as well as adding more complicated and nuanced features such as the word counts of key words in the monthly OPEC reports

SVM algorithm is used to find a hyperplane in an N-dimensional space that distinctly classifies the data points.

GIREESH

The price is predicted using linear regression models and will predict with mean square error or mean absolute error at the end

The performance of the proposed model is evaluated using the price data in the WTI crude oil markets

AI based models are promising tools for crude oil price analysis and forecasting.

The aim of this research is forecasting crude oil prices using Support Vector Regres- sion (SVR)

The dataset and work is to predict future Crude Oil Prices based on the historical data available in the dataset and contains daily Brent oil prices.

predicted prices can correlate with the actual prices for future analysis